

**PATENT**  
**HES 2001-IP-006066U1C1**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Krishna M. Ravi et al.	)	
		)	
		)	Art Unit: unknown
		)	
Serial No.:	unknown	)	
		)	
Filed:	concurrently herewith	)	Examiner: Unknown
		)	
For:	METHOD FOR SELECTION OF	)	
	CEMENTING COMPOSITION	)	

**INFORMATION DISCLOSURE STATEMENT**

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

SIR:

The following documents are known to Applicants or Applicants' attorneys and are submitted for the Examiner to consider in the above-captioned application.

**U.S. PATENTS**

U.S. Patent Number 5,265,247 issued November 23, 1993 to Lynn K. Wienck et al.

U.S. Patent Number 5,455,780 issued October 3, 1995 to Philip D. Nguyen et al.

U.S. Patent Number 6,296,057 B2 issued October 2, 2001 to Mare J. Thiercelin.

**FOREIGN DOCUMENTS**

European Patent Application Number EP 0 903 462 A1 published March 24, 1999.

### **OTHER PUBLICATIONS**

SPE 11204 entitled “Foamed Cement – Solving Old Problems with a New Technique” by O.G. Benge et al., dated 1982.

SPE 26572 entitled “Elastomeric Composites For Use In Well Cementing Operations” by D.D. Onan et al., dated 1993.

SPE 26736 entitled “Optimising Shale Drilling in the Northern North Sea: Borehole Stability Considerations” by Sau-Wai Wong et al., dated 1993.

SPE 56536 entitled “Design Approach to Sealant Selection for the Life of the Well” by Martin Bosma et al., dated 1999.

Article entitled “Petroleum Related Rock Mechanics” by Erling FJER et al., pages 51-58, dated 1992.

Article entitled “Transport Phenomena” by R. Byron Bird et al., pages 352-374 dated 1960.

Article entitled “Cement Sheath Stress Failure” by K.J. Goodwin et al., dated 1992.

Article entitled “Cement Design Based On Cement Mechanical Response” by M.J. Thiercelin et al, dated 1998.

DIANA-702 User’s Manual – Nonlinear Analysis Fourth Ed., Section 8.1.5 Mohr-Coulomb through Section 8.24, dated 2000.

Paper entitled “Mechanical Property Issues For Geothermal Well Cements” by A.J. Philippacopoulos et al., dated 2001.

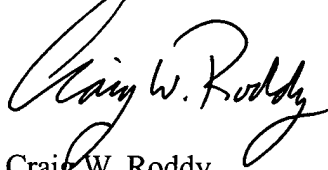
SPE 56534 entitled “Deepwater Cementing Challenges” by Krishna M. Ravi et al., dated 1999.

Paper entitled "Cements for Long Term Isolation – Design Optimization by Computer Modelling and Prediction" by Gino di Lullo et al., dated 2000.

SPE 62887 entitled "Experimental and Numerical Study of Drilling Fluid Removal from a Horizontal Wellbore" by Ewout Biezen et al., dated 2000.

Copies of the aforementioned references and Form PTO-1449 are submitted herewith.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Craig W. Roddy". The signature is fluid and cursive, with the first name "Craig" being the most prominent.

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<b>FORM PTO-1449 (Modified)</b>  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)	ATTY. DOCKET NO. 2001-IP-006066U1C1	SERIAL NO. unknown
	APPLICANT Krishna M. Ravi et al.	
	FILING DATE concurrently herewith	GROUP unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	5,265,247	11/23/93	Weinck et al.	395	600	
	AB	5,455,780	10/03/95	Nguyen et al.	364	578	
	AC	6,296,057 B2	10/02/01	Thiercelin	166	285	
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## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL	EP 0 903 462 A1	03/24/99	Europe	E21B	33/14	X	
	AM							
	AN							
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	AP							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		SPE 11204 entitled "Foamed Cement - Solving Old Problems with a New Technique" by O.G. Bengé et al., dated 1982.					
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EXAMINER

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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